

Converting Colors

XYZ(73.8873, 79.8467, 87.7552)

Have a look what the booklet for
XYZ(73.8873, 79.8467, 87.7552)
contains.

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Color

**XYZ(73.8286, 79.6336,
87.8236)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DEE9E8 |
| RGB | 222, 233, 232 |
| RGB Percent | 87%, 91%, 91% |
| CMY | 0.1294, 0.0863, 0.0902 |
| CMYK | 0.05, 0.00, 0.00, 0.09 |
| HSL | 175°, 20%, 89% |
| HSV | 175°, 5%, 91% |
| XYZ | 73.8286, 79.6336, 87.8236 |
| YIQ | 229.5970, -6.2350, -2.6430 |

Conversions

Conversions Part 2

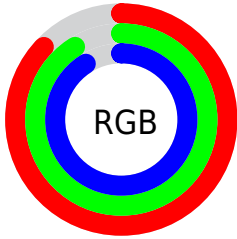
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 222, 228, 233 |
| Decimal | 14608872 |
| CIE Lab | 91.52, -3.83, -0.79 |
| CIE LCh | 92, 3.910, 191.686 |
| Yxy | 79.6336, 0.3060, 0.3300 |
| Android (android.graphics.Color) | 4292798952 (0xFFDEE9E8) |
| YUV | 229.5970, 1.1847, -6.6626 |
| Hunter-Lab | 89.2377, -8.4883, 4.1159 |

Details

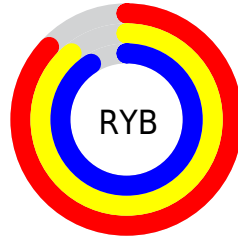
The XYZ color **73.8286, 79.6336, 87.8236** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.0477, 74.8960, 80.4222**, and the grayscale version is **74.9128, 78.8141, 85.8285**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4950, 42.7944, 47.2528** is the 20% darker color. If you saturate the color by 10%, you get **66.8800, 76.0883, 85.9335**, and if you desaturate by 10%, it is **81.7717, 83.6955, 89.7825**.

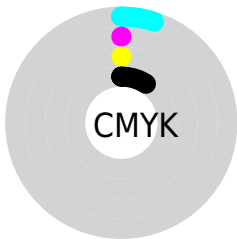
Distribution



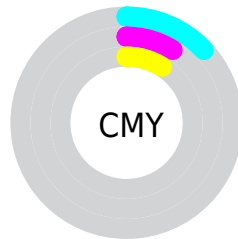
- Red (87%)
- Green (91%)
- Blue (91%)



- Red (87%)
- Yellow (89%)
- Blue (91%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8286, 79.6336, 87.8236 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 73.8286, 79.6336, 87.8236 by changing the saturation by 10% instead.

■ 73.8286, 79.6336,
87.8236

■ 73.8286, 79.6336,
87.8236

462.9410,
493.6972, 541.3117

■ 54.9445, 59.4169,
65.6135

123.6496,
132.8505, 146.2205

■ 39.5910, 42.9488,
47.5042

155.3173,
166.6194, 183.2444

■ 27.4026, 29.8450,
33.0772

191.9769,
205.6746, 226.0433

■ 18.0140, 19.7209,
21.9140

233.9937,
250.4003, 275.0357

■ 11.0598, 12.1924,
13.5960

281.7332,
301.1811, 330.6403

■ 6.1746, 6.8748,
7.7047

335.5607,

■ 2.9932, 3.3839,

358.4012, 393.2754

3.8215

395.8415,
422.4451, 463.3597

■ 1.1502, 1.3353,
1.5280

■ 0.0665, 0.1683,
0.2386

■ 73.8286, 79.6336,
87.8236

■ 73.8286, 79.6336,
87.8236

■ 66.8800, 76.0883,
85.9335

■ 81.7717, 83.6955,
89.7825

■ 60.8787, 73.0288,
84.1052


■ 85.5574, 85.6116,
91.5644


■ 55.7842, 70.4364,
82.3382

■ 85.8685, 85.7361,
93.2028


■ 51.5502, 68.2870,
80.6303

■ 86.1834, 85.8620,
94.8607


 48.1262, 66.5549,
78.9791


 86.5019, 85.9894,
96.5381

 45.4566, 65.2113,
77.3820


 86.8242, 86.1183,
98.2350


 43.4787, 64.2238,
75.8359

 87.1501, 86.2487,
99.9516

 42.1197, 63.5550,
74.3373

 87.4798, 86.3806,
101.6878

 41.2906, 63.1589,
72.8821

 87.8133, 86.5140,
103.4438

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8850, 79.6336, 84.9947



73.8286, 79.6336, 87.8236



74.2675, 79.6336, 90.4080

Triad

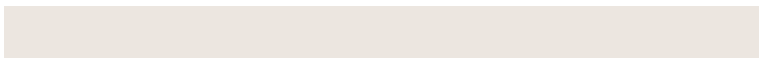
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8286, 79.6336, 87.8236



76.9707, 79.6336, 90.8701



76.2930, 79.6336, 81.6019

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



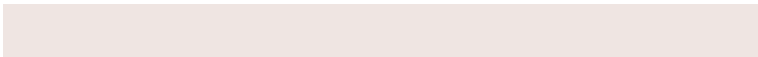
73.8286, 79.6336, 87.8236



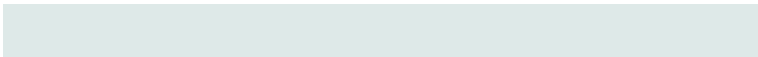
73.0477, 74.8960, 80.4222

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.1292, 79.6336, 83.1093



73.8286, 79.6336, 87.8236



77.5228, 79.6336, 88.4431

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8286, 79.6336, 87.8236



76.0781, 79.6336, 92.1925



77.5811, 79.6336, 85.6008



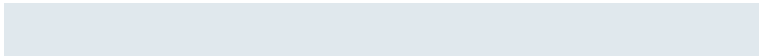
75.3019, 79.6336, 81.4444

Rectangle

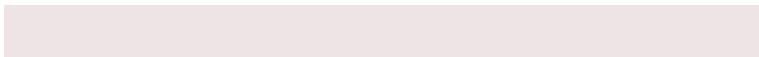
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8286, 79.6336, 87.8236



74.7843, 79.6336, 91.6283



77.5811, 79.6336, 85.6008



76.6017, 79.6336, 81.9660

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73.8309, 79.6370, 87.8254



94.0806, 99.5046, 108.6593



72.7883, 79.2590, 80.5706



20.1473, 21.3033, 23.2601



0.0000, 0.0000, 0.0000



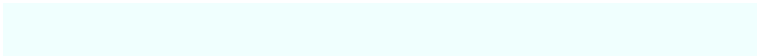
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8309, 79.6370, 87.8254



89.4195, 97.1232, 107.4680



72.7433, 77.2330, 88.1682



15.8985, 17.3233, 19.1974



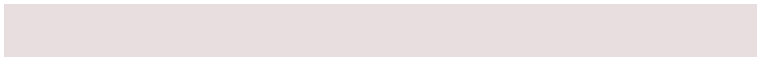
23.2835, 35.7679, 41.0533



1.8457, 2.8156, 3.3151

Inverse Universe

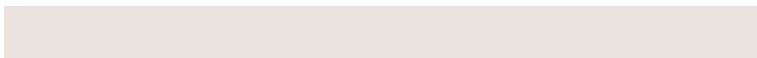
The Inverse Universe completely reimagines the original color for something new.



73.0477, 74.8960, 80.4222



88.2033, 89.7603, 95.9706



74.0972, 77.2108, 80.1063



15.6603, 15.8813, 16.9456



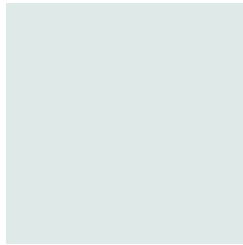
19.1652, 9.8688, 1.4053



1.5240, 0.7826, 0.2110

Previews

White Background



This preview shows how the XYZ color 73.8286, 79.6336, 87.8236 looks on a white background.

Color Contrast Check

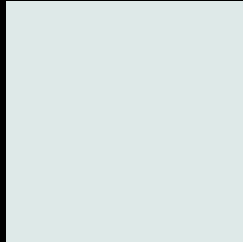
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 73.8286, 79.6336, 87.8236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

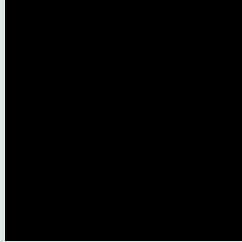
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

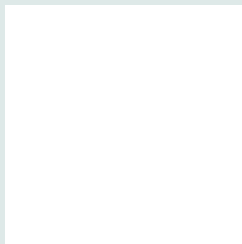
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8286, 79.6336, 87.8236

Background



This preview shows how black text looks on a background with the XYZ color 73.8286, 79.6336, 87.8236.



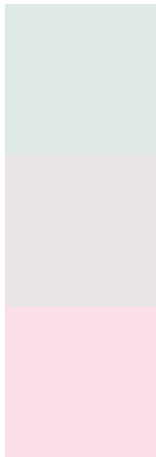
This preview shows how white text looks on a background with the XYZ color 73.8286, 79.6336,

87.8236.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

73.8286, 79.6336, 87.8236

Protanopia

76.5632, 79.4140, 86.1560

Deuteranopia

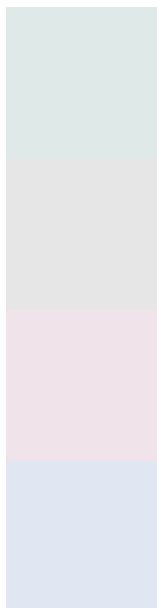
81.0226, 79.2251, 88.8635



Tritanopia

76.4470, 79.4407, 100.9269

Trichromacy



Original Color

73.8286, 79.6336, 87.8236

Protanomaly

75.3537, 79.1861, 86.9142

Deuteranomaly

78.1122, 79.3466, 88.2893

Tritanomaly

75.4940, 79.4702, 96.1543

Monochromacy



Original Color

73.8286, 79.6336, 87.8236

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.6783, 79.2522, 86.9626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8286, 79.6336, 87.8236 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(222, 233, 232) looks like.

```
.text, #text, p{  
    color:rgb(222, 233, 232)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(222, 233, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 233, 232) }
```

Border

The CSS property to change the border of an element to XYZ 73.8286, 79.6336, 87.8236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 233, 232) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(222, 233, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(222, 233, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 233, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 233, 232);  
box-shadow:4px 4px 4px 4px rgb(222, 233,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8286, 79.6336, 87.8236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 233, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(222,  
233, 232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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